

AMENDMENTS

Amendment to the Claims:

Please amend claims 1, 7, 9 and 15 as follows:

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. *(Currently Amended)* An image processing apparatus for encoding and decoding image data in which a still picture frame of an image quality higher than a prescribed imaging quality is mixed in moving picture data composed of successive moving picture frames having the prescribed imaging quality, comprising:

first encoding means for encoding the moving picture frames in the moving picture data and, with regard to the still picture frame in the moving picture data, generating moving picture part data, which has a quality equivalent to that of moving picture frames, from the still picture frame and encoding the moving picture part data, thereby generating moving picture encoded data;

second encoding means for encoding difference data, the difference data being the result of removing the moving picture part data from the still picture frame;

additional-information generating means for generating correspondence information and identification information, the correspondence information correlating the moving picture part data and corresponding difference data, and the identification information specifying the moving picture part data contained in the moving picture encoded data; [[and]]

recording output means for recording, on a storage medium, outputting the moving picture frame encoded data, the difference encoded data, the correspondence information and the identification information as result of encoding the moving picture data;

~~wherein said first encoding means and second encoding means employ a common encoding method using subbands, and said first encoding means generates the moving picture part data from the still picture frame using a discrete wavelet transform.~~

a reproducing means for selectively reproducing the moving picture frames or the still image frame based on the encoding result recorded on the storage medium; and

a decoding means for, when the reproducing means reproduces the still image frame, decoding only the moving picture part data specified by the identification information from all of the moving picture part data included in the moving picture frame encoded data and displaying the decoded image, wherein the decoding means further decodes, upon designated the decoded image by a user, based on the corresponding information, the difference encoded data corresponding to the moving picture part data associated with the designated decoded image and displays the decoded image.

2. *(Previously Presented)* The apparatus according to claim 1, wherein the imaging quality is at least one of number of pixels and signal-to-noise ratio.
3. *(Cancelled).*
4. *(Original)* The apparatus according to claim 1, wherein said first encoding means encodes the moving picture part data using quantization steps that differ from quantization steps used in encoding the moving picture frames.
5. *(Cancelled).*
6. *(Original)* The apparatus according to claim 1, further comprising moving picture data generating means for generating the moving picture data.
7. *(Currently Amended)* ~~An image processing apparatus for decoding the encoded results generated by the image processing apparatus set forth in~~ The apparatus according to claim 1, wherein the decoding means comprises[[ing]]:
first decoding means for decoding the moving picture frame encoded data and reproducing moving picture frames and moving picture part data; and
second decoding means for decoding the difference encoded data[[:]],
wherein the reproducing means comprises:

searching means, which is responsive to an externally entered command to display a still picture, for searching for the moving picture part data contained in the moving picture frame encoded data based upon the identification information; and

still picture frame reproducing means for reproducing a still picture frame using the moving picture part data retrieved and difference data, which corresponds to this moving picture part data, retrieved based upon the identification information.

8. *(Cancelled).*

9. *(Currently Amended)* An image processing method for encoding and decoding image data in which a still picture frame of an image quality higher than a prescribed imaging quality is mixed in moving picture data composed of successive moving picture frames having the prescribed imaging quality comprising:

a first encoding step of encoding the moving picture frames in the moving picture data and, with regard to the still picture frame in the moving picture data, generating moving picture part data, which has a quality equivalent to that of moving picture frames, from the still picture frame and encoding the moving picture part data, thereby generating moving picture encoded data;

a second encoding step of encoding difference data, the difference data being the result of removing the moving picture part data from the still picture frame;

an additional-information generating step of generating correspondence information and identification information, the correspondence information correlating the moving picture part data and corresponding difference data, and the identification information specifying the moving picture part data contained in the moving picture encoded data; [[and]]

a recording ~~an output~~ step of recording, on a storage medium, outputting the moving picture frame encoded data, the difference encoded data, the correspondence information and the identification information as result of encoding the moving picture data;

~~wherein said first encoding step and second encoding step employ a common encoding method using subbands, and said first encoding step generates the moving picture part data from the still picture frame using a discrete wavelet transform.~~

~~a reproducing step of selectively reproducing the moving picture frames or the still image frame based on the encoding result recorded on the storage medium; and~~

~~a decoding step of, when the reproducing step reproduces the still image frame, decoding only the moving picture part data specified by the identification information from all of the moving picture part data included in the moving picture frame encoded data and displaying the decoded image, wherein the decoding step further decodes, upon designated the decoded image by a user, based on the corresponding information, the difference encoded data corresponding to the moving picture part data associated with the designated decoded image and displays the decoded image.~~

10. *(Previously Presented)* The method according to claim 9, wherein the imaging quality is at least one of number of pixels and signal-to-noise ratio.
11. *(Cancelled)*.
12. *(Original)* The method according to claim 9 wherein said first encoding step encodes the moving picture part data using quantization steps that differ from quantization steps used in encoding the moving picture frames.
13. *(Cancelled)*.
14. *(Original)* The method according to claim 9, further comprising a moving picture data generating step of generating the moving picture data.
15. *(Currently Amended)* ~~The method according to~~ An image processing method for decoding the encoded results generated by the image processing method set forth in claim 9, wherein the decoding step comprises[[ing]]:

a first decoding step of decoding the moving picture frame encoded data and reproducing moving picture frames and moving picture part data; and

a second decoding step of decoding the difference encoded data[[:]],

wherein the reproducing step comprises:

a searching step of searching, in response to an externally entered command to display a still picture, for the moving picture part data contained in the moving picture frame encoded data based upon the identification information; and

a still picture frame reproducing step of reproducing a still picture frame using the moving picture part data retrieved and difference data, which corresponds to this moving picture part data, retrieved based upon the identification information.

16-17. *(Cancelled)*.

18. *(Previously Presented)* A computer-readable recording medium storing a computer program for causing a computer to function as the image processing apparatus set forth in claim 1.

19. *(Previously Presented)* A computer-readable recording medium storing a computer program for causing a computer to function as the image processing apparatus as set forth in claim 7.